

STEREO MOC Status Report
Time Period: 2010:347 - 2010:353

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 347, due to the loss of two scheduled tracks in the previous week, the in-situ instrument partitions began overwriting at 347-0126z, at 348-1635z, and at 349-0355z. This resulted in the loss of two to seven hours of in-situ instrument SSR data on each of these days.
- On day 347, during the DSS 65 support, turbo decoder lock was lost briefly at 0723z. This resulted in the loss of six frames of instrument SSR data. See DR# N106391 for more information.
- On day 351, during the DSS 26 support, transmitter was red at BOT at 1215z. The transmitter was repaired and was ready for use at 1354z, however, this track remained downlink only to avoid the loss of SSR data. All instrument SSR data was recovered. This resulted in the loss of 99 minutes of commanding and two-way tracking data. See DR# G110867 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 350, an additional SECCHI stepped calibration was executed at 1320z to recalibrate the COR imagers.
- The average daily SSR playback volume for Ahead was 4.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 347, during the DSS 26 support, turbo decoder lock was lost briefly at 0127z. This resulted in the loss of eight frames of instrument SSR data. See DR# N106913 for more information.
- On day 348, during the DSS 45 support, telemetry lock was three minutes late at BOT at 0730z due to heavy rain at

Madrid. All instrument SSR data was recovered. See DR# C107803 for more information.

- On day 351, during the DSS 25 support, telemetry lock was interrupted when the transmitter tripped off-line at 0236z. This resulted in the loss of several minutes of instrument SSR data. See DR# G110866 for more information.
- On day 352, during the DSS 25 support, telemetry lock was interrupted when the transmitter tripped off-line at 2006z. This resulted in the loss of several minutes of instrument SSR data. See DR# G110873 for more information.
- On day 353, during the DSS 24 support, turbo decoder lock was intermittent beginning at 2359z and again at 354-0158z due to rain at Goldstone. This resulted in the loss of several minutes of instrument SSR data.

2. The following spacecraft/instrument events occurred during this week:

- On day 349, the 28th momentum dump was successfully executed at 1730z, which imparted a delta V of 0.069 m/sec.
- The average daily SSR playback volume for Behind was 4.8 Gbits during this week.